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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,257	03/31/2004	Jennifer Dean	139361-2	7461

43248 7590 01/13/2006

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BLOOMFIELD, CT 06002

EXAMINER
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BOYKIN, TERRESSA M

ART UNIT	PAPER NUMBER
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1711

DATE MAILED: 01/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/815,257

Applicant(s)

DEAN ET AL.

Examiner

Terressa M. Boykin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,2,4,5 and 9-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,5 and 9-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>5-13-05;6-16-05</u> . | 6) <input type="checkbox"/> Other: _____  |

**Response to Amendment**

- Applicant's arguments with respect to claims 1-2, 5, 9-23 have been considered but are moot in view of the new ground(s) of rejection.

**Claim Rejections - 35 USC § 102**

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-2 , 4-5, 9-22 and 23 are rejected under 35 U.S.C. 102(b) as being anticipated by USP 5372884 see cols 5 and 6 and claims 1, 2, and 4.**

In col. 5 lines 23-29 the reference states that the paper base for the resin coated paper

supports may be made of synthetic fibers or synthetic resins films formed into paper like sheets. It is noted that various additives may be induced in the base paper of the resin coated paper support by adding them at the time of stock preparation which could thus be considered as a "composition" as such. The reference states in col. 5 line 67 that various water-soluble polymers, *antistatic agents* and additives may be contained in the base paper for the resin-coated paper supports by spraying, size press, tab size press or the like. The water-soluble polymers include starch polymers, polyvinyl alcohol polymers, gelatin polymers, polyacrylamide polymers and cellulose polymers mentioned or exemplified in Japanese Patent Kokai (Laid-Open) No. 1-266537. *The antistatic polymers include alkali metal salts such as sodium chloride and potassium chloride,*

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*alkaline earth metal salts such as calcium chloride and barium chloride, colloidal metal oxides such as colloidal silica and organic antistatic agents such as polystyrene-sulfonates.* Note the laid open document JP Kokai No. 1-266537 as referred to by the reference in col. 6 contains the organic antistatic agent as claimed.

As the resin-coated paper support used preferably in the present invention, effective are those, which comprise a base paper, coated with a film-forming resin on the side on which the ink-receiving layer is to be provided, and especially preferred are those which comprise a base paper coated with a film-forming resin on both sides thereof. The film-forming resins are preferably thermoplastic resins such as polyolefin resins, polycarbonate resins, polyester resins and polyamide resins. More preferred are polyolefin resins from the point of melt-extrusion coatability and especially preferred are polyethylene resins. Alternatively, the base paper may be coated with an electron beam-curable resin.

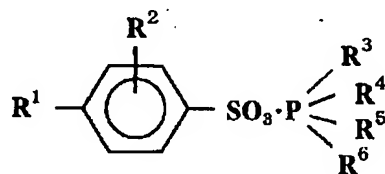
Thus, in view of the above, there appears to be no significant difference between the reference and that, which is claimed by applicant(s). Note that the structure of the suggested antistatic agent, i.e. organic antistatic agent such as polystyrene-sulfonates, would anticipate the portion of the claims directed to such agent, further the paper resin coated base and paper support having adding therein the antistatic agent would constitute a "composition" having each of the components as claimed note the reference states that Note that the reference states that "[F]or applying the resin layer on the base paper for the resin-coated paper support, a so-called melt-extrusion coating method is preferred, *where a molten thermoplastic resin composition extruded from a slit die in a form of film is fed onto the running base paper web covering it entirely.* Temperature of the molten resin film is preferably 280.degree."

Thus, any differences not specifically mentioned appear to be conventional. Consequently, the claimed invention cannot be deemed as novel and accordingly is unpatentable.

JP 2003-176405 relates to an antistatic polycarbonate resin composition without reducing transparency of mold goods, a hue, and shaping thermal resistance in detail, it excels in the durability of the antistatic engine performance and the antistatic engine performance after dry heat treatment, and the fall of the transparency under an elevated temperature and a high-humidity condition (moist heat treatment) is further related with the antistatic nature polycarbonate resin constituent improved sharply.

The reference discloses an antistatic polycarbonate resin composition which consists of the (A) polycarbonate resin 100 weight section (a component), the benzenesulfonic acid phosphonium salt 0.05 - 5 weight sections (b component) expressed with the (B) following type (I), and (C) perfluoro alkane sulfonic-acid metal salt 0.001 - the 0.8 weight sections (c component).

[  
[Formula 2]



Thus, in view of the above, there appears to be no significant difference between the reference and that, which is claimed by applicant(s). Any differences not specifically mentioned appear to be conventional. Consequently, the claimed invention cannot be deemed as novel and accordingly is unpatentable.

**Correspondence**

**Please note that the cited U.S. patents and patent application publications are available for download via the Office's PAIR. As an alternate source, all U.S. patents and patent application publications are available on the USPTO web site ([www.uspto.gov](http://www.uspto.gov)), from the Office of Public Records and from commercial sources. Applicants may be referred to the Electronic Business Center (EBC) at <http://www.uspto.gov/ebc/index.html> or 1-866-217-9197.**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Terressa Boykin whose telephone number is 571 272-1069. The examiner can normally be reached on Monday through Friday from 6:30am to 3:00pm.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. The general information number for listings of personnel is ( 571-272-1700).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

tmb

  
**Examiner Terressa Boykin**  
**Primary Examiner**